

What is claimed is:

1. A magnetic disk apparatus, comprising:

a case;

storage means including a magnetic disk medium, in which at least a decryption key is stored in advance, the magnetic disk medium having digital AV information digitally compressed and encrypted, and recorded therein, wherein the storage means, including the magnetic disk medium, is disposed in said case; and

means for decrypting the digital AV information using the decryption key and decompressing the digital AV information successively inside the magnetic disk apparatus in response to an instruction to reproduce the recorded digital AV information, and outputting a reproduction signal of digital AV information as a decompression result.

2. The magnetic disk apparatus according to claim 1, wherein the magnetic disk apparatus is configured in such a manner that at least information recorded on the magnetic disk medium is destroyed in response to an attempt to remove the magnetic disk medium from a shaft of a spindle motor for holding and rotating the magnetic disk medium.

3. The magnetic disk apparatus according to claim 1, wherein the decryption key is stored in the magnetic disk medium, further comprising in said case a decryption and decompression circuit for decrypting and decompressing the digital AV information.

4. The magnetic disk apparatus according to claim 3, wherein the magnetic disk apparatus is configured in such a manner that at least information recorded on the magnetic disk medium is destroyed if the case is opened.

5. The magnetic disk apparatus according to claim 3, wherein the magnetic disk apparatus is configured in such a manner that at least information recorded on the magnetic disk medium is destroyed in response to an attempt to remove the magnetic disk medium from a shaft of a spindle motor for holding and rotating the magnetic disk medium.

6. The magnetic disk apparatus according to claim 3, further comprising a spindle motor for holding and rotating the magnetic disk medium fixed to a surface of the case, wherein the decryption and decompression circuit is disposed between the magnetic disk medium and said case surface .

7. The magnetic disk apparatus according to claim 6, wherein the magnetic disk apparatus is configured in such a manner that at least information recorded on the magnetic disk medium is destroyed in response to an attempt to remove the magnetic disk medium from a shaft of said spindle motor.

8. The magnetic disk apparatus according to claim 7, wherein a surface, to contact the magnetic disk medium, of a clamp body for clamping the magnetic disk medium to the shaft of the spindle motor is formed with a groove, a liquid or a gas capable of destroying a recording surface of the magnetic disk medium is

confined in the groove, and an attempt to detach the clamp body to remove the magnetic disk medium from the shaft of the spindle motor causes the liquid or the gas to flow out of the groove and destroy the recording surface of the magnetic disk medium.

9. The magnetic disk apparatus according to claim 8, wherein the liquid confined in the groove is an acid.